Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012168.D
Acq On : 14 Oct 2017 11:40
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02006

Manual Integrations APPROVED
Sohil
10/15/2017 12:44:58 PM

Quant Time: Oct 15 07:20:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 05:27:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	204824	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	900989	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	539782	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1150948	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	797410	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	831244	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	27609	6.41	ng/uL	0.00
5) Phenol-d5	6.99	99	320542	19.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	190602	19.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	274384	19.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	283568	19.82	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	136573	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	158522	19.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	310065	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	332895	23.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	929955	19.49	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1143835	19.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	121339	16.92	ng/ul	0.00
57) Fluorene-d10	15.47	176	761496	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	124333	15.74	ng/ul	0.00
70) Anthracene-d10	17.32	188	1114909	19.59	ng/ul	0.00
76) Pyrene-d10	19.62	212	998166	24.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	774476	19.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	32349	7.36	ng/uL#	65
4) Benzaldehyde	6.96	77	210375	18.94	ng/ul	93
6) Phenol	7.02	94	331483	19.30	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.25	93	252347	19.27	ng/ul	97
10) 2-Chlorophenol	7.38	128	282627	19.64	ng/ul	99
11) 2-Methylphenol	8.27	108	257661	19.94	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	308571	18.56	ng/ul#	85
14) Acetophenone	8.65	105	432382	19.88	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.63	70	227756	19.54	ng/ul#	70
16) 4-Methylphenol	8.60	108	281280	19.75	ng/ul	88
17) Hexachloroethane	8.89	117	118102	19.45	ng/ul	81
20) Nitrobenzene	9.03	77	339060	19.85	ng/ul	96
21) Isophorone	9.56	82	617775	19.36	ng/ul#	93
23) 2-Nitrophenol	9.75	139	173750	20.17	ng/ul#	77
24) 2,4-Dimethylphenol	9.80	107	342620	19.73	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.03	93	356067	19.03	ng/ul	96
27) 2,4-Dichlorophenol	10.28	162	302115	19.99	ng/ul#	90
28) Naphthalene	10.67	128	913977	19.61	ng/ul	100
30) 4-Chloroaniline	10.79	127	328025	23.24	ng/ul	94
31) Hexachlorobutadiene	10.95	225	229010	20.45	ng/ul	96
32) Caprolactam	11.59	113	90016m	18.87	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	311757	19.69	ng/ul	95
34) 2-Methylnaphthalene	12.29	142	691970	19.67	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.66	216	401404	20.49 ng/ul	99
37) Hexachlorocyclopentadiene	12.63	237	56616	6.48 ng/ul	99
38) 2,4,6-Trichlorophenol	12.90	196	267197	20.57 ng/ul	97
39) 2,4,5-Trichlorophenol	12.99	196	276648	20.69 ng/ul	99
40) 1,1'-Biphenyl	13.30	154	909589	19.97 ng/ul	100
41) 2-Chloronaphthalene	13.35	162	716150	20.03 ng/ul	98
42) 2-Nitroaniline	13.56	65	194548	19.56 ng/ul	90
44) Dimethylphthalate	13.93	163	919192	19.23 ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	187969	19.81 ng/ul	95
47) Acenaphthylene	14.20	152	1111961	19.61 ng/ul	99
48) 3-Nitroaniline	14.39	138	155070	21.01 ng/ul	87
49) Acenaphthene	14.54	153	751997	19.69 ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	68112	12.64 ng/ul	94
52) 4-Nitrophenol	14.71	109	112862	17.51 ng/ul#	79
53) Dibenzofuran	14.87	168	1084352	19.72 ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	269124	19.57 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.10	232	234448	19.16 ng/ul#	89
56) Diethylphthalate	15.29	149	931622	18.03 ng/ul	95
58) Fluorene	15.52	166	877591	19.21 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	477453	19.90 ng/ul	97
60) 4-Nitroaniline	15.56	138	178933	19.63 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.62	198	131874	15.81 ng/ul	93
64) N-Nitrosodiphenylamine	15.73	169	748631	20.78 ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	293309	21.29 ng/ul	96
66) Hexachlorobenzene	16.53	284	318222	20.39 ng/ul#	89
67) Atrazine	16.68	200	302721	20.10 ng/ul	93
68) Pentachlorophenol	16.88	266	144873	16.64 ng/ul	99
69) Phenanthrene	17.26	178	1281476	19.57 ng/ul	99
71) Anthracene	17.36	178	1336391	19.72 ng/ul	98
72) Carbazole	17.63	167	1054998	18.39 ng/ul	99
73) Di-n-butylphthalate	18.17	149	1507548	18.93 ng/ul#	98
74) Fluoranthene	19.28	202	1294440	16.38 ng/ul#	93
77) Pyrene	19.64	202	1271505	24.14 ng/ul#	93
78) Butylbenzylphthalate	20.52	149	546583	23.32 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.32	252	315226	19.86 ng/ul#	96
80) Benzo(a)anthracene	21.39	228	1007778	19.42 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	759373	21.59 ng/ul#	97
82) Chrysene	21.44	228	919143	18.87 ng/ul	99
84) Di-n-octyl phthalate	22.19	149	1144599	18.83 ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	1034772	19.08 ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	947219	18.12 ng/ul#	96
88) Benzo(a)pyrene	23.61	252	975447	19.08 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	1204599	22.19 ng/ul#	94
90) Dibenzo(a,h)anthracene	26.09	278	1004590	22.01 ng/ul#	95
91) Benzo(g,h,i)perylene	26.81	276	1011040	22.74 ng/ul#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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